



SYNTHETIC MINOR OPERATING PERMIT

PERMITEE: Sklar Exploration Company, LLC

FACILITY: Oil & Gas Production Area No. 6

LOCATION: Sections 13, 14, 18, & 24, T3N, R10E, Escambia Co., AL

PERMIT NUMBER	DESCRIPTION OF EQUIPMENT, ARTICLE OR DEVICE
502-0103-X003	Oil & Gas Production Area No. 6 (5) Oil & Gas production sites, each with: One (1) – 0.5 MMBtu/hr heater treater Two (2) – 400 BBL crude storage tank One (1) – 400 BBL salt water storage tank One (1) – 500 BBL power oil storage tank One (1) – Collection of fugitive emissions components One (1) – Closed vent system & Flare

See the following pages for a list of the sites and other equipment covered by this permit.

In accordance with and subject to the provisions of the Alabama Air Pollution Control Act of 1971, as amended, Ala. Code §§22-28-1 to 22-28-23 (2006 Rplc. Vol. and 2007 Cum. Supp.) (the "AAPCA") and the Alabama Environmental Management Act, as amended, Ala. Code §§22-22A-1 to 22-22A-15 (2006 Rplc. Vol. and 2007 Cum. Supp.), and rules and regulations adopted there under, and subject further to the conditions set forth in this permit, the Permittee is hereby authorized to construct, install and use the equipment, device or other article described above.

ISSUANCE DATE : June 23, 2017

Alabama Department of Environmental Management

Sklar Exploration Company, Oil & Gas Production Area No. 6
Permit No.: 502-0103-X001

Pre-September 15, 2015 Sites: [For NSPS OOOO Applicability]

Production Site Name	Emission Point	Production Site Name	Emission Point
Sections 13 & 24, Township 4 North, Range 13 East			
CCL&T 24-1	LIFT-1 (163 HP engine) GEN-1 (68 HP engine) 0.5 MMBtu/hr line heater	CCL&T 13-11	LIFT-2 (203 HP engine) GEN-2 (68 HP engine)

Post-September 15, 2015 Sites: [For NSPS OOOOa Applicability]

Production Site Name	Emission Point	Production Site Name	Emission Point
Sections 13, 14, & 18, Township 4 North, Range 13 East			
CCL&T 13-15	LIFT-3 (163 HP engine) GEN-3 (145 HP engine)	CCL&T 18-13	LIFT-4 (163 HP engine) GEN-4 (68 HP engine)
CCL&T 14-9	LIFT-5 (163 HP engine) GEN-5 (68 HP engine)		

Sklar Exploration Company, Oil & Gas Production Area No. 6
Permit No.: 502-0103-X001

1. This permit is issued on the basis of Rules and Regulations existing on the date of issuance. In the event additional Rules and Regulations are adopted, it shall be the permit holder's responsibility to comply with such rules.
2. This permit expires and the application is cancelled if construction has not begun within 24 months of the date of issuance of the permit.
3. This permit is not transferable. Upon sale or legal transfer, the new owner or operator must apply for a permit within 30 days.
4. The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege.
5. The permittee shall not use as a defense in an enforcement action that maintaining compliance with conditions of this permit would have required halting or reducing the permitted activity.
6. Additions and revisions to the conditions of this Permit will be made, if necessary, to ensure that the Department's air pollution control rules and regulations are not violated.
7. Nothing in this permit or conditions thereto shall negate any authority granted to the Department pursuant to the Alabama Environmental Management Act or regulations issued thereunder.
8. A new permit application must be made for new sources, replacements, alterations or design changes which may result in the issuance of, or an increase in the issuance of, air contaminants, or the use of which may eliminate or reduce or control the issuance of air contaminants.
9. On completion of construction of the device for which this permit is issued, notification of the fact is to be given to the Chief of the Air Division. Authorization to operate the unit must be received from the Chief of the Air Division. Failure to notify the Chief of the Air Division of construction and/or operation without authorization could result in revocation of this permit.
10. This process including all air pollution control devices and capture systems for which this permit is issued shall be maintained and operated at all times in a manner so as to minimize the emissions of air contaminants. Procedures for ensuring that the above equipment is properly operated and maintained so as to minimize the emission of air contaminants shall be established.
11. In case of shutdown of air pollution control equipment for scheduled maintenance, the intent to shut down shall be reported to the Air Division at least 24 hours prior to the planned shutdown, unless accompanied by the immediate shutdown of the emission source.
12. In the event there is a breakdown of equipment in such a manner as to cause increased emission of air contaminants for a period greater than 8 hours, the

Sklar Exploration Company, Oil & Gas Production Area No. 6
Permit No.: 502-0103-X001

person responsible for such equipment shall notify the Department within an additional 24 hours and provide a statement giving all pertinent facts, including the duration of the breakdown. The Department shall be notified when the breakdown has been corrected.

13. This permit is issued with the condition that, should obnoxious odors arising from the plant operations be verified by Air Division inspectors, measures to abate the odorous emissions shall be taken upon a determination by the Alabama Department of Environmental Management that these measures are technically and economically feasible.
14. Records will be maintained of the occurrence and duration of any startup, shutdown, or malfunction in the operation of the process equipment and any malfunction of the air pollution control equipment. These records will be kept in a permanent form suitable for inspection and will be retained for at least two years following the date of each occurrence.
15. All deviations from requirements within this permit shall be reported to the Department within 48 hours of the deviation or by the next work day while providing a statement with regards to the date, time, duration, cause and corrective actions taken to bring the sources back into compliance. A review and evaluation of this report shall be utilized in Departmental determination of whether or not a violation of a permit requirement or requirements occurred.
16. Submittal of other reports regarding monitoring records, fuel analyses, operating rates, and equipment malfunctions may be required as authorized in the Department's air pollution control rules and regulations. The Department may require stack emission testing at any time.
17. The Department must be notified in writing at least 10 working days in advance of all emission tests to be conducted and submitted as proof of compliance with the Department's air pollution control rules and regulations. To avoid problems concerning testing methods and procedures, the following shall be included with the notification letter:
 - a. The date the test crew is expected to arrive, the date and time anticipated of the start of the first run, how many and which sources are to be tested, and the names of the persons and/or testing company that will conduct the tests.
 - b. A complete description of each sampling train to be used, including type of media used in determining gas stream components, type of probe lining, type of filter media, and probe cleaning method and solvent to be used (if test procedure requires probe cleaning).
 - c. A description of the process to be tested, including the feed rate, any operating parameter used to control or influence the operations, and the rated capacity.

Sklar Exploration Company, Oil & Gas Production Area No. 6
Permit No.: 502-0103-X001

- d. A sketch or sketches showing sampling point locations and their relative positions to the nearest upstream and downstream gas flow disturbances.
 - e. A pretest meeting may be held at the request of the source owner or the Department. The necessity for such a meeting and the required attendees will be determined on a case-by-case basis.
 - f. All test reports must be submitted to the Department within 30 days of the actual completion of the test, unless an extension of time is specifically approved by the Department.
18. Any performance tests required shall be conducted and data reduced in accordance with the test methods and procedures contained in each specific permit condition unless the Director (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, or (3) approves the use of an alternative method, the results of which he has determined to be adequate for indicating whether a specific source is in compliance.
19. At no time shall either the carbon monoxide (CO), nitrogen oxide (NO_x), or volatile organic compound (VOC) emissions exceed 95 tons/twelve-consecutive-months.
20. Each constructed oil & gas production site shall be equipped with a Flare and shall be designed such that all produced natural gas, including tank vapor, must be routed either to the Flare, to the fuel gas system, or to the plant pipeline at all times.
- a. Each Flare shall be equipped, and operated, with:
 - i. An Air Assist system
 - ii. A spark igniter or continuous pilot light
 - b. Natural gas shall not be emitted into the atmosphere unless it is properly burned.
21. Each emission source shall comply with the following opacity standards:
- a. Except for one 6-minute period during any 60-consecutive minute period, each source shall not discharge into the atmosphere particulate that results in an opacity greater than 20%, as determined by a 6-minute average.
 - b. At no time shall each source discharge into the atmosphere particulate that results in an opacity greater than 40%, as determined by a 6-minute average.
22. Compliance with the opacity standards specified in Proviso 21 shall be shown by performing *daily visual inspections* and *visible emissions observations* on emission sources as specified below:

Sklar Exploration Company, Oil & Gas Production Area No. 6
Permit No.: 502-0103-X001

- a. Provided that the facility is operating, a *daily visual inspection* of each emission source shall be performed to determine the presence or absence of visible emissions.
 - i. If, during *daily visual inspections* or at any other time, instantaneous opacity of emissions in excess of 10% are noted and not corrected within a period of 1 hour, then a *visible emissions observation* as specified in Proviso 22(b) must be performed at the end of that period.
 - ii. *Daily visual inspections* must be conducted by an observer that is familiar with the procedures of Method 9 of 40 CFR Part 60 Appendix A.
 - b. Provided that facility personnel observes visible emissions in excess of 10% opacity as specified in Proviso 22(a)(i) and the visible emissions have not been corrected within a period of 1 hour, a *visible emissions observation* shall be performed on that source.
 - i. Each *visible emissions observation* shall be conducted for a period of at least 15 minutes.
 - ii. *Visible emissions observations* must be conducted using Method 9 by an observer that is certified and familiar with Method 9 procedures.
 - c. Both *daily visual inspections* and *visible emissions observations* shall be performed as required with the following parameters:
 - i. Both *daily visual inspections* and *visible emissions observations* shall only be conducted during daylight hours.
 - ii. Record of time, date, and duration of each *daily visual inspection* or *visible emissions observation* shall be maintained.
 - iii. Record of corrective actions taken to eliminate visible emissions shall be maintained.
23. The following engines shall meet the following emission standards:
- a. As required by 40 CFR Part 60 Subpart JJJJ, engines LIFT-2 and GEN-3 shall:
 - i. Either adhere to the following emission standards in grams per horsepower per hour:
 - 1. (1.0 g NO_x)/(HP-hr)
 - 2. (2.0 g CO)/(HP-hr)
 - 3. (0.7 g VOC)/(HP-hr)

Sklar Exploration Company, Oil & Gas Production Area No. 6
Permit No.: 502-0103-X001

- ii. Or adhere to the following emission standards in parts per million by volume, dry adjusted to 15% oxygen:
 - 1. 82 ppmvd NO_x at 15% O₂
 - 2. 270 ppmvd CO at 15% O₂
 - 3. 60 ppmvd VOC at 15% O₂
 - b. As required by 40 CFR Part 60 Subpart JJJJ, engine LIFT-1 shall:
 - i. Either adhere to the following emission standards in grams per horsepower per hour:
 - 1. (3.0 g NO_x)/(HP-hr)
 - 2. (4.0 g CO)/(HP-hr)
 - 3. (1.0 g VOC)/(HP-hr)
 - ii. Or adhere to the following emission standards in parts per million by volume, dry adjusted to 15% oxygen:
 - 1. 250 ppmvd NO_x at 15% O₂
 - 2. 540 ppmvd CO at 15% O₂
 - 3. 86 ppmvd VOC at 15% O₂
 - c. To meet the limits specified in Proviso 19, engines LIFT-3, LIFT-4, LIFT-5, GEN-4, & GEN-5 shall operate with their emissions controlled by non-selective catalytic converters at all times.
24. Compliance with the engine requirements specified in Proviso 23 shall be shown by the following:
- a. Meeting the applicable test requirements specified in 40 CFR §60.4244.
 - b. Keeping a maintenance plan and records of conducted maintenance.
 - c. Maintaining and operating the indicated engines in a practical manner consistent with good air pollution control practice for minimizing emissions.
 - d. Recording the monthly hours of operation for each indicated engine.
 - e. Testing for compliance with the NO_x, CO, and VOC limits listed in Provisos 23(a) and 23(b) shall be conducted as follows:

Sklar Exploration Company, Oil & Gas Production Area No. 6
Permit No.: 502-0103-X001

- i. An initial performance test must be conducted for each indicated engine within one year of startup. Subsequent performance testing shall be conducted every three years.
 - ii. Each test must be conducted within 10 percent of 100 percent peak (or the highest achievable) load and according to the requirements in §60.8 and under the specific conditions that are specified in Table 2 of 40 CFR Part 60 Subpart JJJJ.
 - iii. Each test shall consist of three runs of at least 1-hour in duration.
 - iv. For the purpose of indicating compliance requirements specified in Proviso 23 of this permit, NO_x, CO, & VOC air pollutant emissions shall be determined in grams per horsepower-hour (g/HP-hr) or parts per million by volume, dry adjusted to 15% oxygen (ppmvd at 15% O₂).

[g/HP-hr]
[ppmvd at 15% O₂]
 - v. For the purpose of making the calculations specified in Proviso 25(f) and the recordkeeping required in Proviso 26(c), emission factors for NO_x, CO, & VOC shall be determined in grams per horsepower-hour (g/HP-hr) or pounds per million British thermal units (lb/MMBtu).

[g/HP-hr]
[lbs/MMBtu]
 - vi. Testing frequency may be changed upon Department approval.
- f. For engines specified in Proviso 23(c) and equipped with non-selective catalytic converters, emissions tests on NO_x, CO, & VOC emissions shall be performed as follows:
- i. Testing shall be performed as specified in Proviso 24(e)(i)-(iii).
 - ii. Emissions factors for NO_x, CO, & VOC shall be determined as specified in Proviso 24(e)(v).
 - iii. For each group of engines specified in Proviso 23(c) that are the same engine model and have the same model non-selective catalytic converter, the permittee may test one engine of that group and consider the emission factors determined to be representative for that group of engines.
 - iv. Testing frequency may be changed upon Department approval
25. To demonstrate compliance with facility-wide limits of Proviso 19 of the permit, the following requirements must be met.
- a. The volumetric flow rate of each gas stream that is to be vented to the flare shall be monitored, recorded, and summed:

[Stream (MScf/day)]
[Facility (MScf/day)]

Sklar Exploration Company, Oil & Gas Production Area No. 6
Permit No.: 502-0103-X001

- i. When possible and practicable, a continuous monitoring system meeting the following requirements shall be utilized:
 1. In the event that multiple streams share a point of commonality, a single meter at this common point shall be utilized as representative of all streams, OR a single meter shall be utilized for each stream.
 2. Calibration, maintenance and operation of metering system shall be performed in accordance to manufacturer's specification.
 - ii. In the event that a gas stream normally measured by a continuous meter becomes diverted from that continuous meter due to a closed valve or a non-operating compressor, the flow rate shall be accounted for by another estimation method as specified below.
 - iii. In the event that a continuous meter is not practicable, the flow rates shall be accounted for by utilizing special estimating methods (i.e. engineer estimates, material balance, computer simulation, special testing etc.).
 - iv. Other flow measurement methods as approved by the Department may be utilized.
- b. The gas properties of each process stream that can be sent to a flare shall be determined according to the requirements specified below:
- i. Testing shall consist of capturing one representative sample of each stream at a frequency of no less than once every six months with the following exception:
 1. After an initial measurement of each stream and provided that multiple process streams can be sent to the flare and that it is possible to capture a common stream whose contents would be representative of all the streams, that common stream may be used instead of the individual process streams for subsequent measurements.
 - ii. The hydrogen sulfide content (mol% H₂S) of the gas stream shall be determined by utilizing the Tutwiler procedures in 40 CFR §60.648 or the chromatographic analysis procedures in ASTM E-260 or the stain tube procedures in GPA 2377-86 or those provided by the stain tube manufacture or equivalent methods and procedures.
[Stream (H₂S Mole %)]
 - iii. The gas molecular weight (MW), VOC content (mol% VOC), and heat content (btu/scf) of the gas stream shall be determined utilizing the analysis procedures in 40 CFR Part 60 Appendix A, Method 3, Method 18, Method 19, Method 25A, or in ASTM Analysis Method D1826-77, or equivalent methods and procedures.

Sklar Exploration Company, Oil & Gas Production Area No. 6
Permit No.: 502-0103-X001

[Stream (VOC Mole%)]
[Stream (Mole Wt)]
[Stream (BTU/Scf)]

- iv. The frequency of testing, the components tested for, and the methods and procedures to be used may be modified upon receipt of Department approval.
- c. The gas properties of fuel gas used in fuel-burning emission sources at the facility shall be determined according to the requirements specified below:
 - i. Testing shall consist of capturing one representative sample of each fuel gas stream at a frequency of no less than once every six months with the following exceptions:
 - 1. If fuel gas is from a common source or header, such as that purchased from a gas plant, one representative sample per common source may suffice for multiple affected fuel-burning emission sources under this proviso.
 - 2. If a process stream is used as fuel gas for any fuel-burning emission source, representative samples captured and analyzed as per Proviso 25(b) may suffice for affected fuel-burning emission sources under this proviso.
 - ii. The hydrogen sulfide content (mol% H₂S) of the fuel gas shall be determined by utilizing the Tutwiler procedures in 40 CFR §60.648 or the chromatographic analysis procedures in ASTM E-260 or the stain tube procedures in GPA 2377-86 or those provided by the stain tube manufacturer or equivalent methods and procedures.

[Stream (H₂S Mole %)]
 - iii. The heat content (btu/scf) of the fuel gas shall be determined utilizing the procedures in ASTM Analysis Method D1826-77 or equivalent methods and procedures.

[Stream (BTU/Scf)]
 - iv. The frequency of testing, the components tested for, and the methods and procedures to be used may be modified upon receipt of Department approval.
- d. Vapors from the storage tanks shall be routed through a closed vent system to either a flare or a process stream.
- e. Operating hours of each heater shall be monitored and recorded monthly.
- f. Facility-wide CO, NO_x, and VOC emissions shall be calculated on a monthly and rolling-twelve-month basis in accordance to the requirements specified in Proviso 19.

Sklar Exploration Company, Oil & Gas Production Area No. 6
Permit No.: 502-0103-X001

- i. Facility-wide Tons CO/month (CO TPM) shall be calculated as follows:

[Facility CO (TPM)] =	[Total Flare CO (TPM)] + [Total Heater CO (TPM)] + [Total Engine CO (TPM)] + [Other 502-0103 Permit CO (if applicable) (TPM)]
[Total Flare CO (TPM)] =	Σ [Indv. Flare CO (TPM)]
[Indv. Flare CO (TPM)] =	$\{\Sigma_{\text{Month}}[\text{Flare Feed (MMscf/day)}]\} \times [\text{Flare Gas Heat Val. (MMBtu/MMscf)}] \times [0.37 \text{ lb CO/MMBtu}] \times [1 \text{ Ton/2000 lb}]$
[Total Heater CO (TPM)] =	Σ [Indv. Htr. CO (TPM)]
[Indv. Htr. CO (TPM)] =	$[\text{Op. Time (Hrs/Month)}] \times [\text{Htr. Rating (MMBtu/Hr)}] \times [8.24\text{E-}2 \text{ lb CO/MMBtu}] \times [1 \text{ Ton/2000 lb}]$
[Total Engine CO (TPM)] =	Σ [Indv. Eng. CO (TPM)]
[Indv. Eng. CO (TPM)] =	$[\text{Op. Time (Hrs/Month)}] \times [\text{Eng. Power (HP)}] \times [\text{Test factor (g CO/HP-Hr)}] \times [1 \text{ Ton/9.072E+5 g}]$
OR [Indv. Eng. CO (TPM)] =	$[\text{Monthly Fuel Usage (MMBtu/Month)}] \times [\text{Test EF (lb CO/MMBtu)}] \times [1 \text{ Ton/2000 lb}]$

- ii. Facility-wide Tons NO_x/month (NO_x TPM) shall be calculated as follows:

[Facility NO _x (TPM)] =	[Total Flare NO _x (TPM)] + [Total Heater NO _x (TPM)] + [Total Engine NO _x (TPM)] + [Other 502-0103 Permit NO _x (if applicable) (TPM)]
[Total Flare NO _x (TPM)] =	Σ [Indv. Flare NO _x (TPM)]
[Indv. Flare NO _x (TPM)] =	$\{\Sigma_{\text{Month}}[\text{Flare Feed (MMscf/day)}]\} \times [\text{Flare Gas Heat Val. (MMBtu/MMscf)}] \times [0.068 \text{ lb NO}_x\text{/MMBtu}] \times [1 \text{ Ton/2000 lb}]$
[Total Heater NO _x (TPM)] =	Σ [Indv. Htr. NO _x (TPM)]
[Indv. Htr. NO _x (TPM)] =	$[\text{Op. Time (Hrs/Month)}] \times [\text{Htr. Rating (MMBtu/Hr)}] \times [9.80\text{E-}2 \text{ lb NO}_x\text{/MMBtu}] \times [1 \text{ Ton/2000 lb}]$
[Total Engine NO _x (TPM)] =	Σ [Indv. Eng. NO _x (TPM)]
[Indv. Eng. NO _x (TPM)] = OR	$[\text{Op. Time (Hrs/Month)}] \times [\text{Eng. Power (HP)}] \times [\text{Test factor (g NO}_x\text{/HP-Hr)}] \times [1 \text{ Ton/9.072E+5 g}]$
[Indv. Eng. NO _x (TPM)] =	$\{\Sigma_{\text{Month}}[\text{Fuel Feed (MMscf/day)}]\} \times [\text{Fuel Heat Val. (MMBtu/MMscf)}] \times [\text{Test EF (lb NO}_x\text{/MMBtu)}] \times [1 \text{ Ton/2000 lb}]$

- iii. Facility-wide Tons VOC/month (VOC TPM) shall be calculated as follows

[Facility VOC (TPM)] =	[Total Flare VOC (TPM)] + [Total Heater VOC (TPM)] + [Total Engine VOC (TPM)] + [Other 502-0103 Permit VOC (TPM)]
[Total Flare VOC (TPM)] =	Σ [Indv. Flare VOC (TPM)]
[Indv. Flare VOC (TPM)] =	$\{\Sigma_{\text{Month}}[\text{Flare Feed (MMscf/day)}]\} \times [\text{Feed Gas VOC MW (Lb VOC/Lb-mol)}] \times [2626.95 \text{ Lb-mol/MMscf}] \times$

Sklar Exploration Company, Oil & Gas Production Area No. 6
Permit No.: 502-0103-X001

	[1 Ton/2000 lb]* [Percent Uncombusted (2%)]
[Total Heater VOC (TPM)] =	Σ [Indv. Htr. VOC TPM]
[Indv. Htr. VOC (TPM)] =	[Op. Time (Hrs/Month)]*[Htr. Rating (MMBtu/Hr)] *[5.39E-3 lb VOC/MMBtu]*[1 Ton/2000 lb]
[Total Engine VOC (TPM)] =	Σ [Indv. Eng. VOC (TPM)]
[Indv. Eng. VOC (TPM)] = OR	[Op. Time (Hrs/Month)]*[Eng. Power (HP)]*[Test EF (g VOC/HP-Hr)]*[1 Ton/9.072E+5 g]
[Indv. Eng. VOC (TPM)] =	{ Σ_{Month} [Fuel Feed (MMscf/day)]*[Fuel Heat Val. (MMBtu/MMscf)]*[Test EF (lb VOC/MMBtu)]* [1 Ton/2000 lb]}

- iv. Total values for each criteria pollutant calculated in 25(f)(i) shall be summed monthly with values calculated the preceding eleven months to create rolling-twelve-month-totals as required by Proviso 19.
 - v. Other methods and procedures that are used to calculate emissions may be approved by the Department.
26. The requirements of 40 CFR 60 Subpart OOOOa, accounting for any modifications to the regulation published in the Federal Register, shall apply as follows:
- a. Applicable definitions are listed in 40 CFR §60.5430a.
 - b. Table 3 of the regulation lists the applicable portions of the General Provisions [§60.5425a]
 - c. For well completion operations, in the event that a well is either hydraulically fractured or re-fractured, the Permittee shall comply with the applicable requirements of §60.5375a as outlined in that regulation. [§60.5365(a)]
 - i. The Permittee shall notify the Department of any impending well completion operations where a well is either hydraulically fractured or re-fractured at least two days prior to the commencement of those operations as outlined in §60.5420a(2).
 - d. For CCL&T 13-15, CCL&T 18-13, & CCL&T 14-9 well sites, the Permittee shall comply with the requirements of §60.5397a for that well site's *collection of fugitive emissions components*, as defined in §60.5430a.
 - i. All detected sources of fugitive emissions observed from any *collection of fugitive emissions components* shall be repaired as per §60.5397a(h).
 - ii. Fugitive emissions are defined as any visible emission from a *fugitive emissions component* observed using optical gas imaging or an instrument reading of 500 ppm (methane or VOC) or greater using Method 21. [§60.5397a(a)]

Sklar Exploration Company, Oil & Gas Production Area No. 6
Permit No.: 502-0103-X001

- iii. Each *collection of fugitive emissions components* shall be monitored for fugitive emissions in accordance with the requirements of §60.5397a(b)-(g).
 - iv. For the CCL&T 13-11 and CCL&T 24-1 well sites, the Permittee shall also comply with the above requirements for any *collection of fugitive emissions components* which:
 - 1. Per §60.14, has been reconstructed such that the fixed capital cost of the new components exceeds 50 percent of the fixed capital cost that would be required to construct a new *collection of fugitive emissions components*.
 - 2. Per §60.5365(i)(3), is located at a well site which has been modified by having a new well drilled at that site, by being hydraulically fractured, or by being hydraulically refractured.
27. The following data shall be measured, recorded, and kept on file in a form suitable for inspection for a period of two (2) years:
- a. As per Proviso 22, records of *daily visual inspections* and *visible emissions observations* performed on emission sources including time, date, and observation notes.
 - b. As per Proviso 24(d), monthly records of engine operating hours.
[Hrs/month]
 - c. As per Proviso 24(e)(iv), records of CO, NO_x, & VOC emission factors determined from testing the engine.
[g/HP-hr]
 - d. As per Proviso 25(a), volume of gas flared at the facility, accounting for all process streams on a monthly and rolling-twelve-month basis.
[MMScf/month]
[MMScf/12-months]
 - e. As per Proviso 25(b), gas analyses of process gas streams.
[Stream (H₂S Mole %)]
[Stream (VOC Mole%)]
[Stream (Mole Wt)]
[Stream (BTU/Scf)]
 - f. As per Proviso 25(c), gas analyses of fuel gas.
[Stream (H₂S Mole %)]
[Stream (BTU/Scf)]
 - g. As per Proviso 25(e) monthly operating hours of each heater.
[Hrs/month]
 - h. As per Proviso 25(f), facility-wide emissions of CO, NO_x, & VOC.

Sklar Exploration Company, Oil & Gas Production Area No. 6
Permit No.: 502-0103-X001

[Tons/month]
[Tons/twelve-consecutive-months]

- i. For well completion operations, per Proviso 26(c), records required by 40 CFR §60.5420a(c)(1).
 - j. For each *collection of fugitive emissions components*, per Proviso 26(d), records required by 40 CFR §60.5420a(c)(15).
28. In addition the report(s) required by 40 CFR §60.5420a(b)(11) to be sent to the EPA, Periodic Monitoring Reports should be submitted to the Department as follows:
- a. A summary of monthly measurements and calculations required by Provisos 27(b), (d), (g), & (h) shall be included in all reports.
 - b. The most recent records required by Provisos 27(c), (e), & (f).
 - c. Information described in §60.5420a(b)(1) for each well completion operation covered by Proviso 26(c) and information described in §60.5420a(b)(7), for each *collection of fugitive emissions components* at a well site covered by Proviso 26(d).
 - d. Any deviations from permit conditions that occurred during the reporting period shall be included in Periodic Monitoring Reports.
 - e. Reports shall be semiannual and submitted on the following schedule, or as otherwise approved by the Department:

<i>Reporting Period:</i>	<i>Jan. 1 – June 30</i>	<i>Submitted by:</i>	<i>July 31</i>
	<i>July 1 – Dec. 31</i>		<i>Jan. 31</i>